ET240104724US

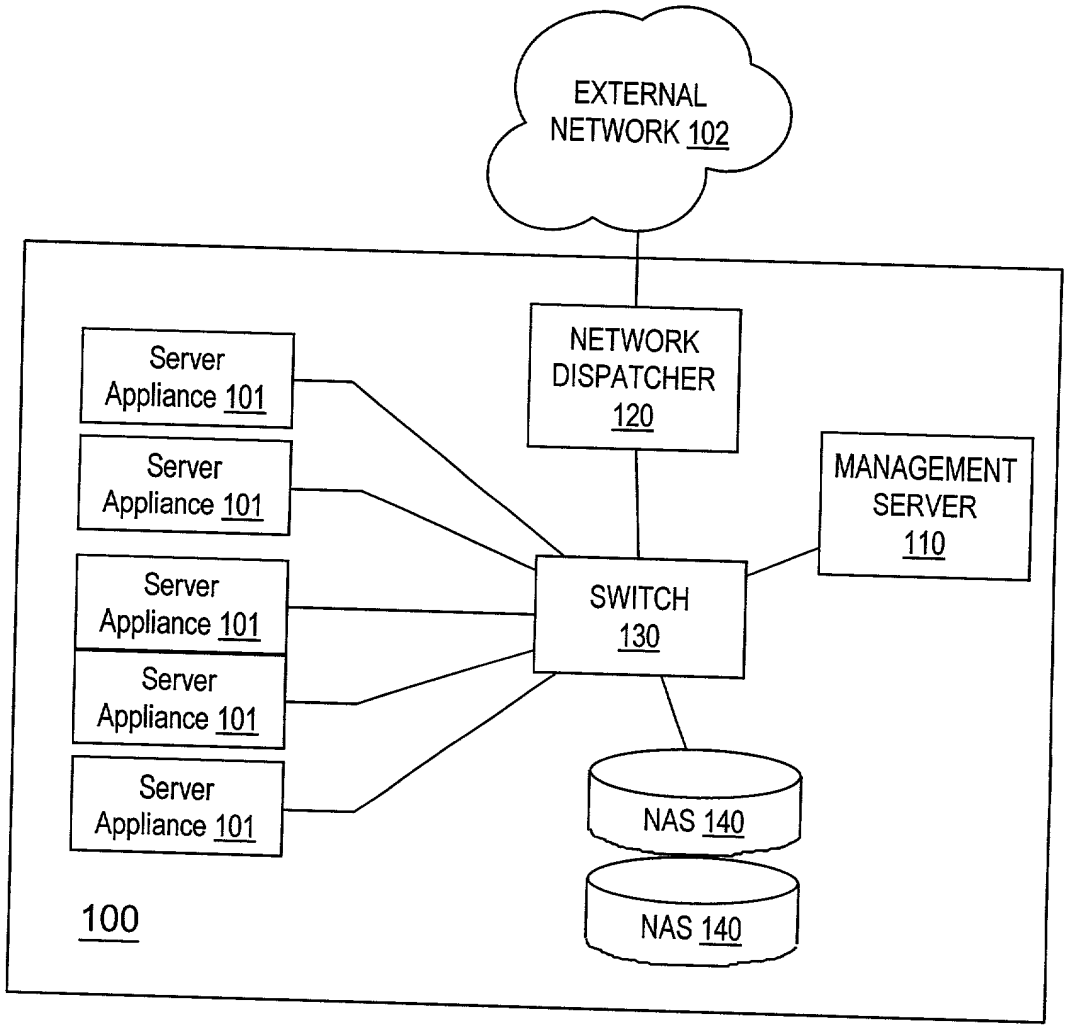

FIG. 1

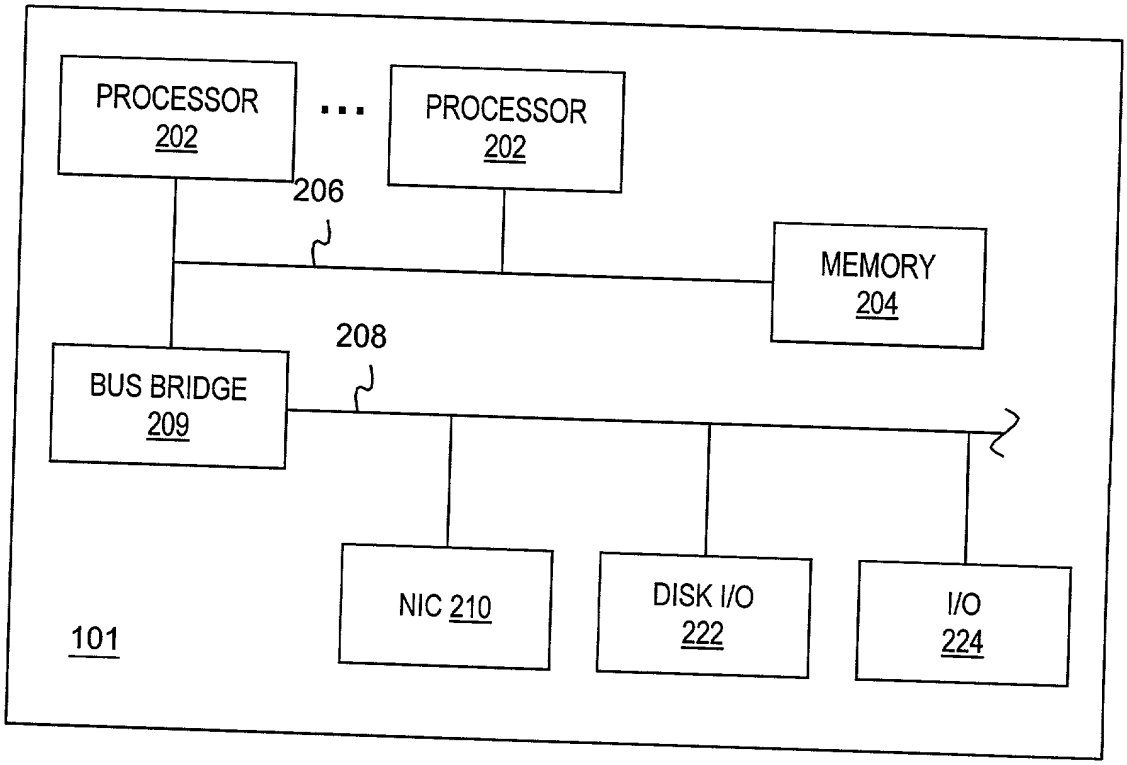
PROCESSOR
202
PROCESSOR
202
206
MEMORY
204
208
BUS BRIDGE
209
NIC 210
DISK I/O
222
I/O
224
101

FIG. 2

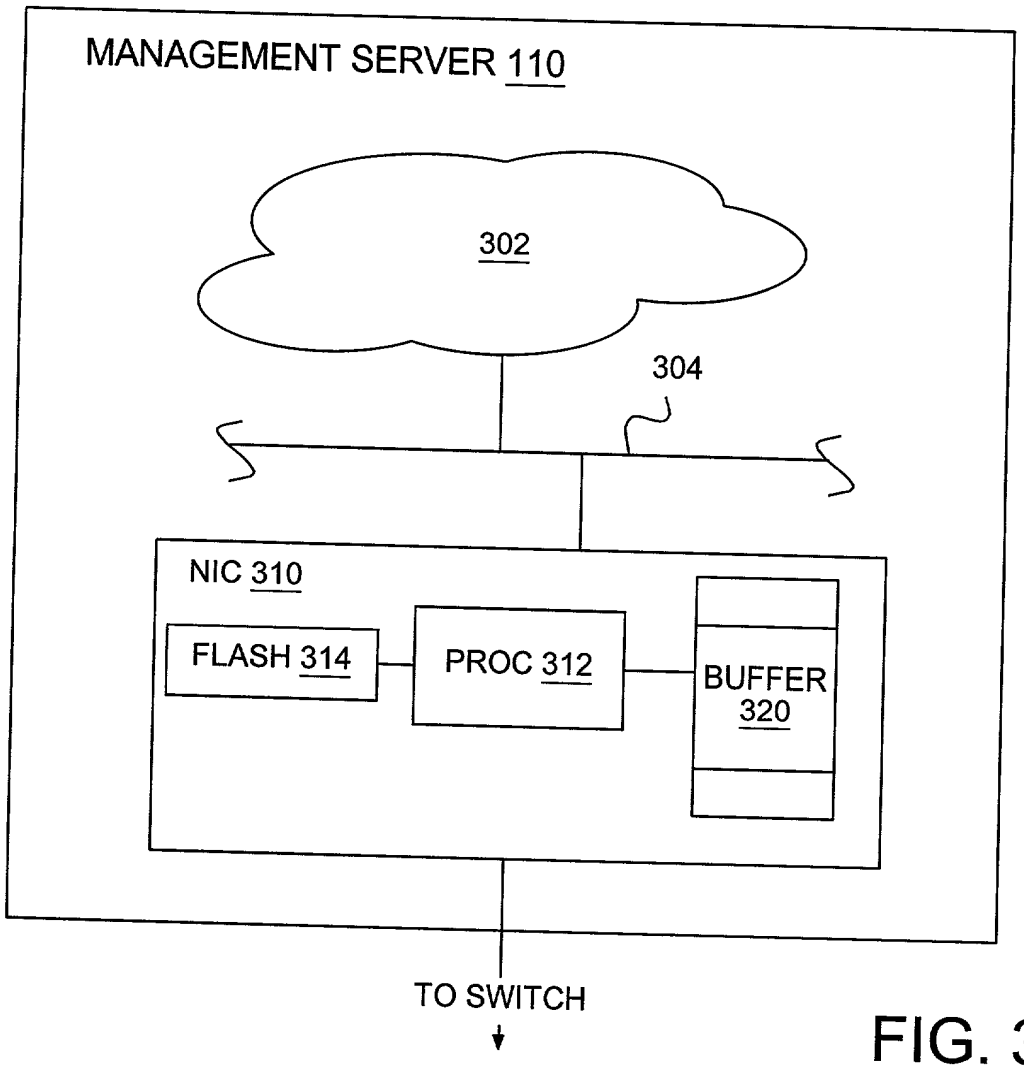

FIG. 3

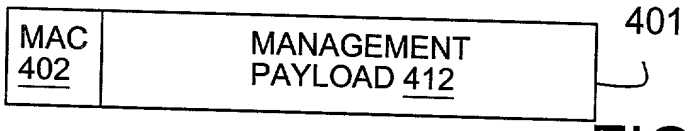

FIG. 4A

FIG. 4B

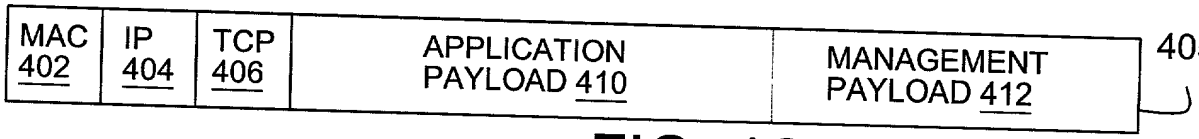

FIG. 4C

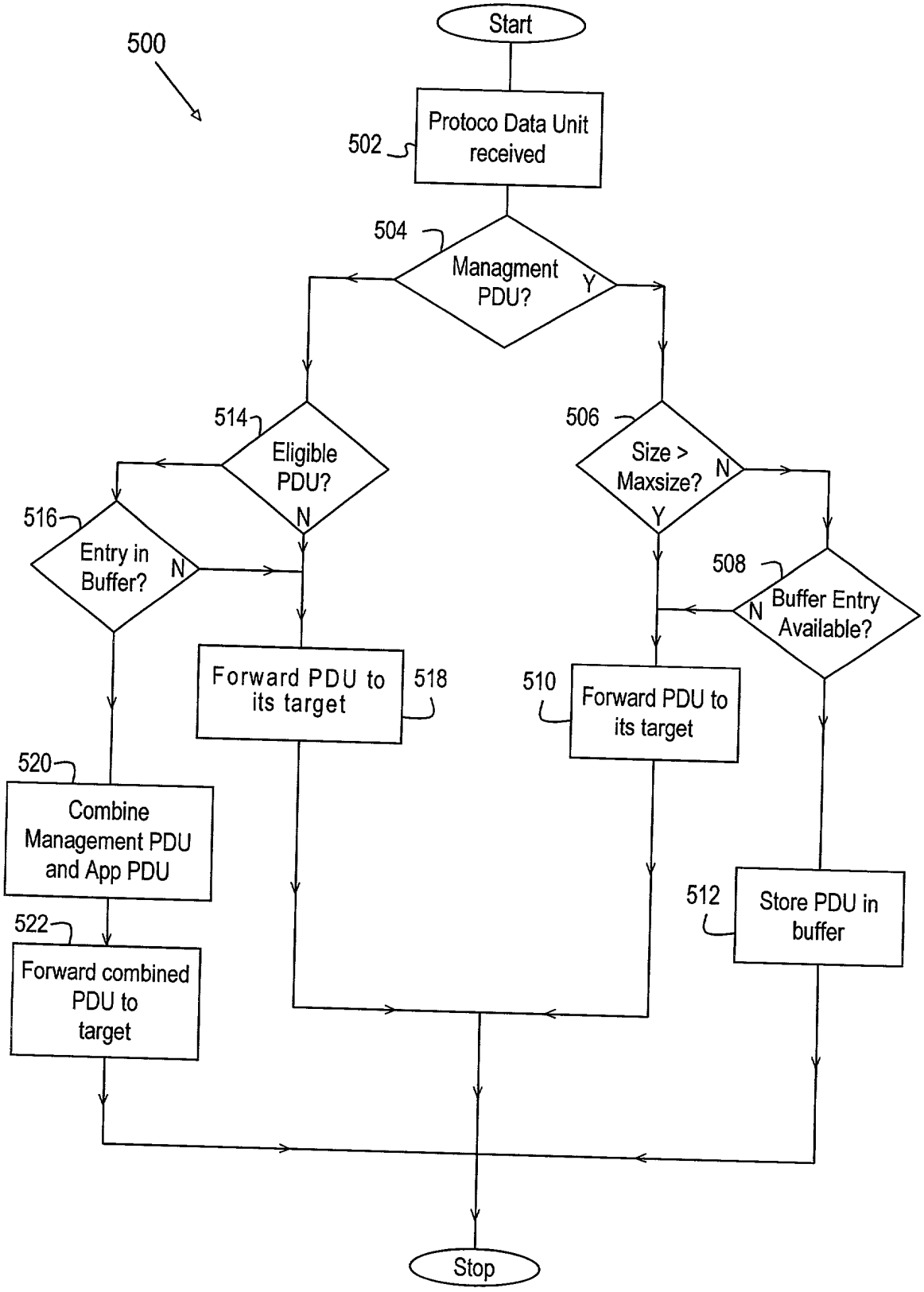
500
Start
Protoco Data Unit received
502
504
Managment PDU?
Y
514
Eligible PDU?
N
506
Size > Maxsize?
N
Y
516
Entry in Buffer?
N
508
N
Buffer Entry Available?
Forward PDU to its target
518
510
Forward PDU to its target
520
Combine Management PDU and App PDU
522
Forward combined PDU to target
512
Store PDU in buffer
Stop

FIG. 5

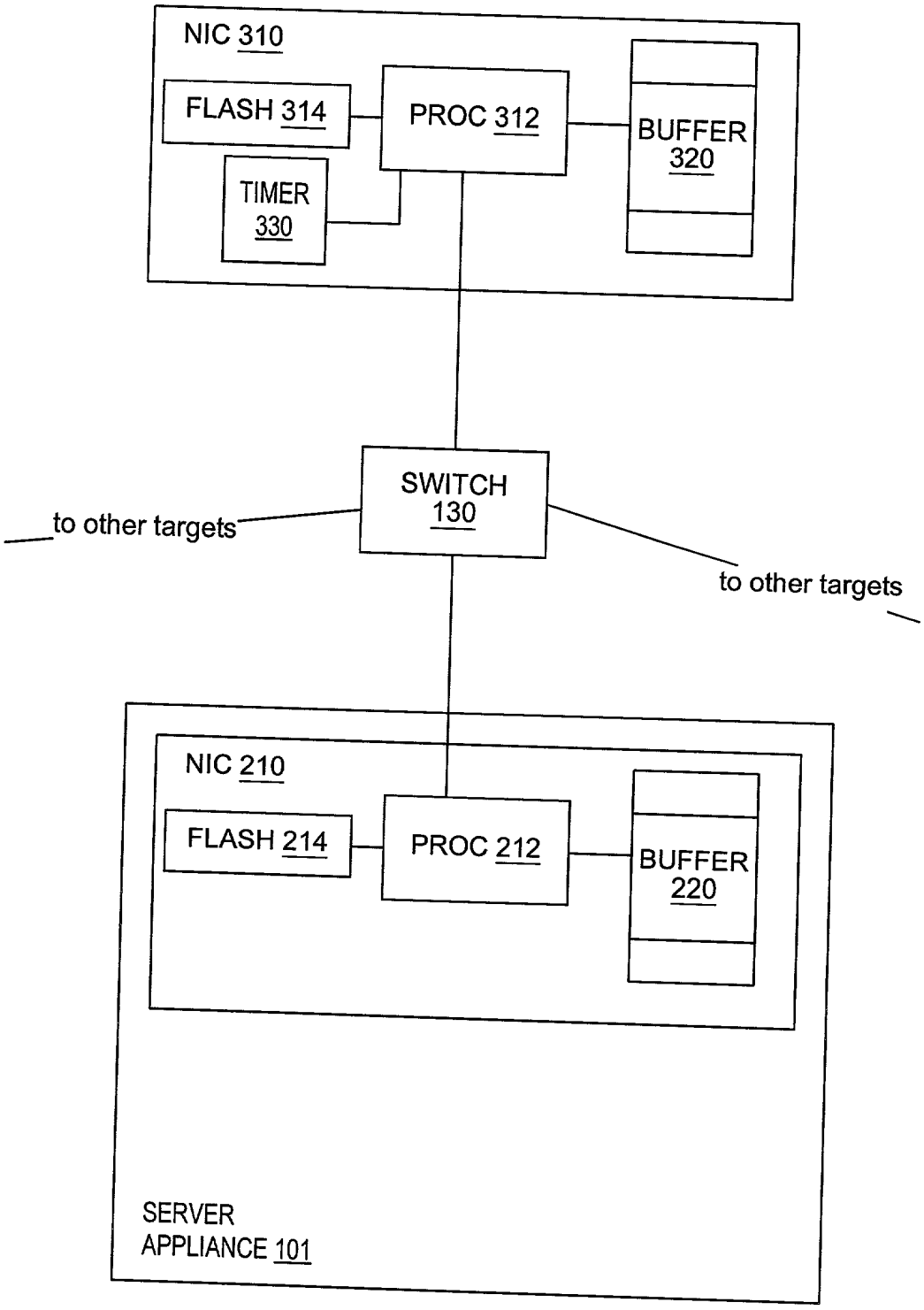
NIC 310
FLASH 314
PROC 312
BUFFER 320
TIMER 330
SWITCH 130
to other targets
to other targets
NIC 210
FLASH 214
PROC 212
BUFFER 220
SERVER APPLIANCE 101

FIG. 6

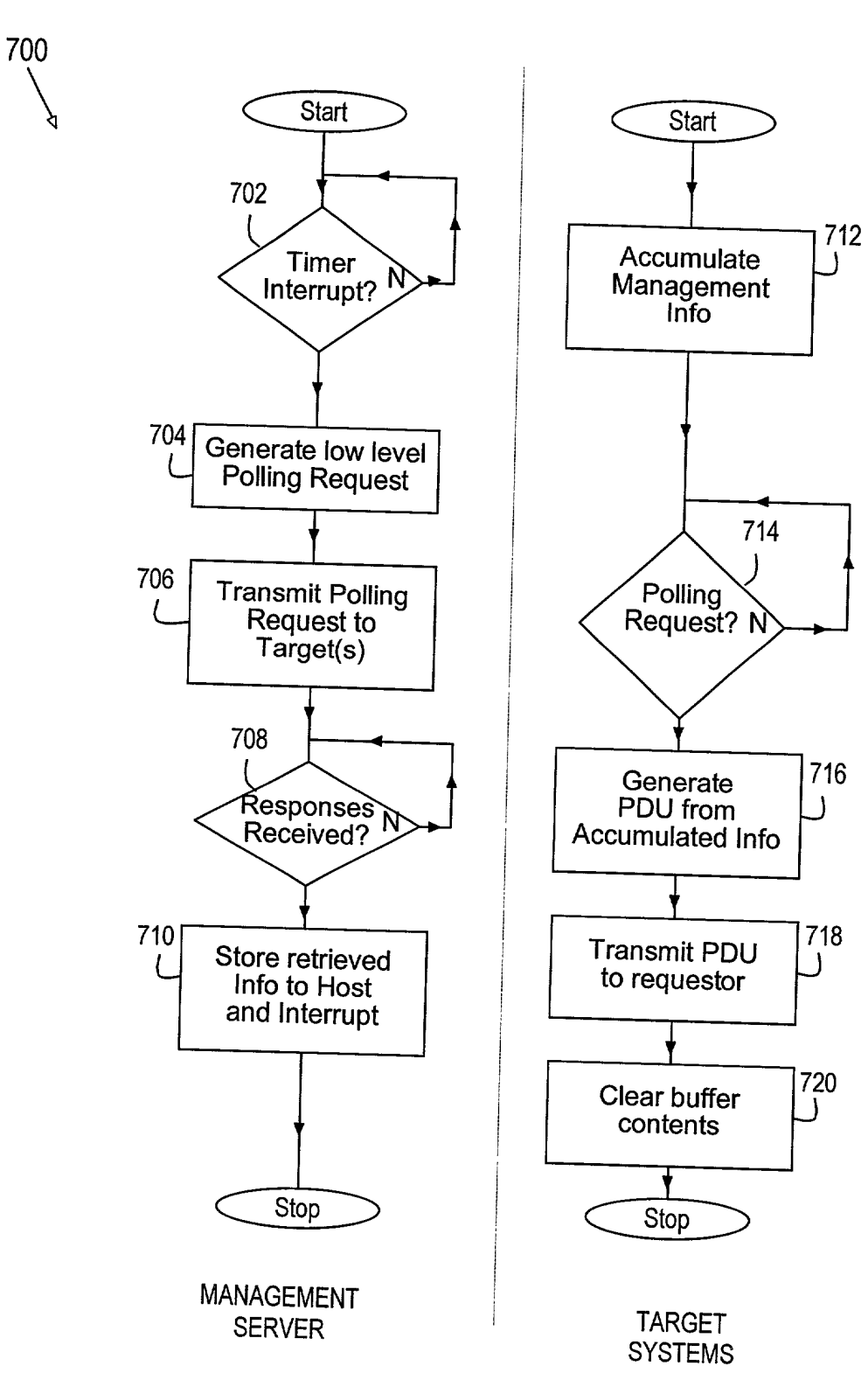
700
Start
702
Timer Interrupt?
N
704
Generate low level Polling Request
706
Transmit Polling Request to Target(s)
708
Responses Received?
N
710
Store retrieved Info to Host and Interrupt
Stop
MANAGEMENT SERVER
Start
712
Accumulate Management Info
714
Polling Request?
N
716
Generate PDU from Accumulated Info
718
Transmit PDU to requestor
720
Clear buffer contents
Stop
TARGET SYSTEMS

FIG. 7

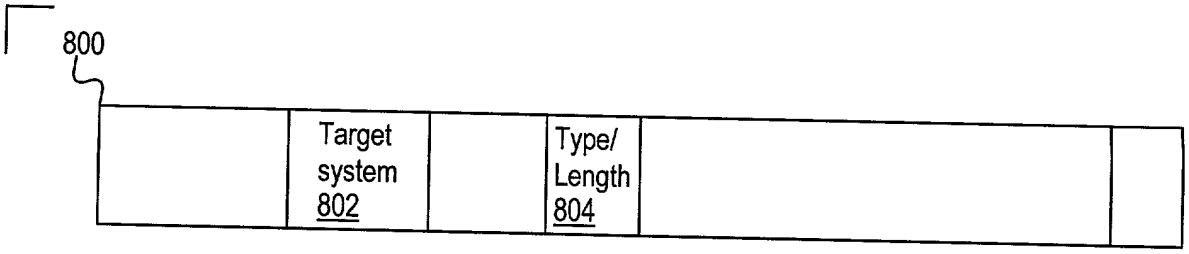

FIG. 8A

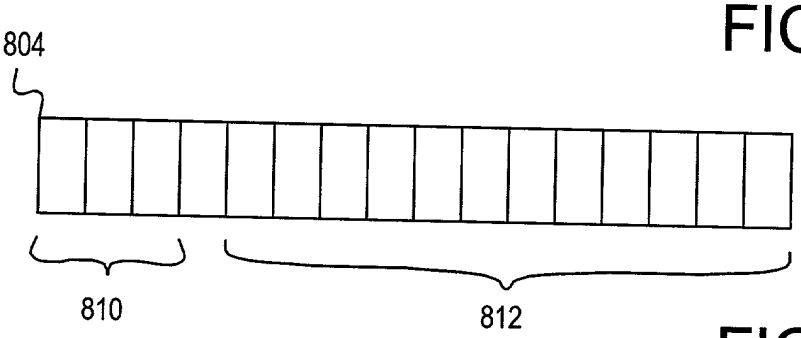

FIG. 8B

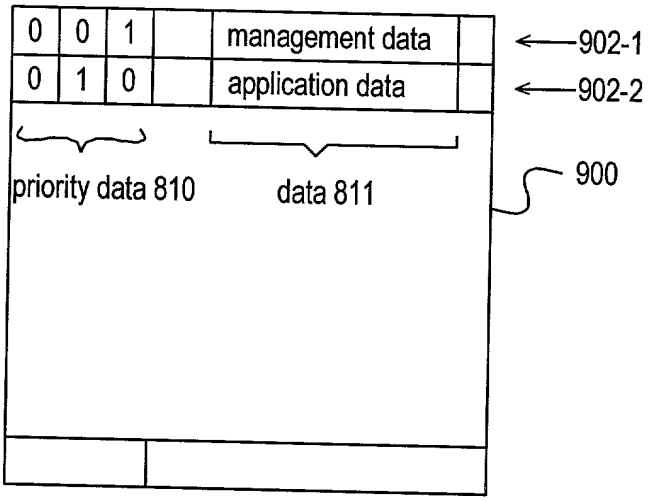

FIG. 9